

# THE RERTR-2005 INTERNATIONAL MEETING ON REDUCED ENRICHMENT FOR RESEARCH AND TEST REACTORS November 6-10, 2005

## REVISED ANNOUNCEMENT AND CALL FOR PAPERS

On behalf of the **U.S. Department of Energy/ National Nuclear Security Administration's Office of Global Nuclear Material Threat Reduction**, and in cooperation with the **International Atomic Energy Agency (IAEA)**, **Argonne National Laboratory** is hosting the "RERTR-2005 International Meeting on Reduced Enrichment for Research and Test Reactors" in Boston, Massachusetts, USA from November 6-10, 2005. This will be the 27th annual meeting in a series on the same general subject regarding the Reduced Enrichment for Research and Test Reactors (RERTR) program.

You are cordially invited to attend this meeting, where information will be exchanged on the progress of national and international programs to develop low-enriched uranium (LEU) fuels and targets for research and test reactors and to convert research reactors and radio-isotope production processes to the use of such fuels and targets. The meeting will be held in English and will be open to the public, but the organizers reserve the right to limit the attendance.

The main objective of this series of meetings is the core conversion of research reactors from highly enriched uranium (HEU) to LEU fuels. Fuel element manufacturers and national laboratories have developed fuel types suitable for LEU utilization in most of the world's research reactors. Many reactors are already fully converted and new LEU fuels are under development and scheduled for early qualification. The meeting will include development of new LEU fuels, development and testing of LEU targets and processes for the production of Mo-99, design and safety analyses for reactor conversions, and transportation and storage of spent fuels.

You are encouraged to present a paper at the meeting. If you intend to do so, please indicate this intention on the attached Abstract Submittal form and send the completed form with an abstract of the paper to Linda Legerski by October 21, 2005 for inclusion in the abstract booklet. The presentation of each paper will be limited to 20 minutes. All papers will be distributed at the meeting and will be published in the proceedings.

### **Topics to be covered during the meeting are:**

*Progress reports of national programs*  
*Fuel development*  
*Fuel testing and evaluation*  
*Measurements and calculations for converted reactors*  
*Safety tests and evaluations*  
*Core conversion studies*  
*Production of fission Mo-99 from LEU*  
*Licensing requirements*  
*HEU and LEU fuel cycle*  
*Spent fuel transportation and storage*  
*Utilization of converted (LEU) reactors*

The meeting will be held at the Fairmont Copley Plaza, Boston, Massachusetts, which is the official hotel for the 2005-RERTR International Meeting. A rate of \$165.00 USD per night for a single or double room plus 12.45% tax has been negotiated for the participants in this meeting. A limited number of rooms have been reserved at the Fairmont Copley Plaza, early reservations are recommended. Room reservations are to be made directly by the participants by calling the Fairmont Copley Plaza Reservations Department at +1-617-267-5300 or the Global Reservations Center at +1-800-441-1414 or by visiting the following website at:

[http://proto.rertr.anl.gov/meeting\\_announcements/2005-hotel.html](http://proto.rertr.anl.gov/meeting_announcements/2005-hotel.html)

Callers must identify themselves as being with the **2005-RERTR International Meeting**. Internet users must enter the Group promotion code [which is listed in the above mentioned web page](#). Reservation requests must be made by 5:00 p.m. CST on **Friday, October 14, 2005** in order to qualify for the group rate.

All participants of the meeting must register. A registration fee of **US\$325.00** (US\$375 after **October 1, 2005**) will be charged to cover the cost of the food provided during the meeting. This fee can be paid either by credit card or check at the time of registration or by check or cash immediately before the beginning of the meeting. All payments must be in US dollars. If paying by check, please make the check payable to "Argonne National Laboratory" and send it to Linda Legerski with the Registration Fees and Payment Form. Registration fees will be refunded if attendance is canceled by October 14, 2005.

The IAEA has limited funds available to support travel expenditures. Conditions for eligibility to receive a grant are: (1) presentation of a paper; (2) country of origin (only on exceptional cases will the IAEA sponsor more than one individual from the same country); and (3) previous grant received (preferred candidates will be those who have not received a travel grant to attend a previous RERTR meeting). If you are interested in applying for an IAEA travel grant, please complete the IAEA Travel Grant Application and submit to Pablo Adelfang ([P.Adelfang@iaea.org](mailto:P.Adelfang@iaea.org) or fax +43-126-007) **no later than September 1, 2005**.

Attachments:	(1)	Instructions for Forms and Deadlines
	(2)	Abstract Submittal Form
	(3)	Registration Fees and Payment Form
	(4)	IAEA Travel Grant Application
	(5)	Instructions for Authors
	(6)	Instructions for Typists
	(7)	Publication Release (Completed form <b><u>must</u></b> be submitted with each paper for publication.)

Meeting Chairman: Dr. Jordi Roglans-Ribas  
Technical Director, RERTR Program  
Argonne National Laboratory  
9700 South Cass Avenue, Building 362  
Argonne, Illinois 60439-4815  
Phone: +1 (630) 252-3283  
Fax Number: +1 (630) 252-5161

Meeting Organizer: Linda Legerski  
Administrative Secretary, RERTR Program  
Argonne National Laboratory  
9700 South Cass Avenue, Building 362  
Argonne, Illinois 60439-4815  
Phone Number: +1 (630) 252-4836  
Fax Number: +1 (630) 252-5161  
e-mail: rertr@anl.gov